

MINIMUM LOT LANDSCAPING REQUIREMENTS: 4.44 Acres

Industrial - 5 Shade Trees, 5 Ornamental or Evergreen Trees, and 25 Shrubs per acre required 4.44 x 5 = 22 Shade Trees Required, 11 Provided (plus 6 Future Trees) plus 11 Existing Shade Trees to Remain

4.44 x 5 = 22 Ornamental or Evergreen Trees Required, 12 Provided plus 10 Existing Shade Trees to Remain 4.44 x 25 = 111 Shrubs Required, 278 Provided

FOUNDATION PLANTINGS:

Credit

Remain

Plant materials required approximately every 40' along building facades over 80' long Plant materials required along Front Building Façade at a minimum of 1 shrub or ornamental tree / 12 LF Northwest Façade: 150 LF / 12 LF = 13 Shrubs Required and Provided

Northeast Façade: 60 LF / 12 LF = 5 Shrubs Required and Provided Southwest Façade: None Required per Jesse Pohlman email dated 11/25/14 North Façade: 79 LF / 12 LF = 7 Shrubs Required and Provided

North Side of Outside Storage Area: 264 LF / 40 LF = 7 Shrubs Required and Provided East Side of Outside Storage Area: none required per PUD amendment

West Side of Outsides Storage Area: 94 LF / 40 LF = 3 Ornamental Trees Required and Provided

Oakridge Road: 267 LF - 93 LF Gas Easement - 20 LF Sign Easement = 154 LF 154 LF / 100 LF = 5 Shade or Evergreen Trees, 4 Ornamental Trees, and 39 Shrubs Required and Provided

BUFFER YARD REQUIREMENTS: West: See External Street Frontage Requirements, no buffer yard required

North: Industrial, no buffer yard required East: Industrial, no buffer yard required

INTERIOR PARKING LOT LANDSCAPING: 1 Tree and 4 Shrubs per parking island required

9 Trees and 36 Shrubs required, 5 Trees due to space constraints and 36 Shrubs provided except within Gas and Utility Easements, then trees located elsewhere on site

PERIMETER PARKING LOT LANDSCAPING:

1 Tree / 30 LF Required and Provided except within Gas and Utility Easements 130 LF of perimeter not within Gas and Utility Easements and islands / 30 LF = 6 Trees Required and Provided THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION. 1-800-382-5544 CALL TOLL FREE INDIANA UNDERGROUND —

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND

EVIDENCE (including, but not limited to, manholes, inlets,

valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER

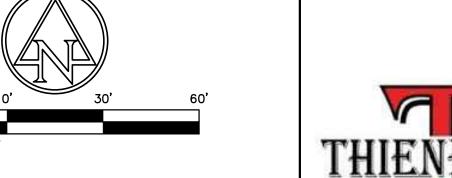
EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO

EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID

EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY

ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND

CAUTION !!



GENERAL LANDSCAPE & PLANTING NOTES

- 1. Plant material to be installed and maintained by a qualified and experienced landscape installer.
- 2. All materials are subject to the approval of the Landscape Architect and Owner at any time. Landscape Architect to inspect all plant locations and plant bed conditions prior to installation. Stake all plant locations for review and approval by the Landscape Architect before planting. On-site adjustments may be required. Plants are to be freshly dug. Transporting of plants shall be done in a manner as to not destroy the natural shape, compromise the health, or alter the characteristics of plant materials.
- Rootballs shall meet or exceed size standards as set forth in 'American Standards for Nursery Stock'. MAIN LEADERS OF ALL TREES SHALL REMAIN INTACT. Remove from the site any plant material that turns brown or defoliates within five (5) days after planting. Replace immediately with approved, specified material.
- 4. Plant counts indicated on drawings are for Landscape Architect's use only. Contractor shall make own plant quantity takeoffs using drawings, specifications, and plant schedule requirements (i.e., spacing), unless otherwise directed by Landscape Architect. Contractor to verify bed measurements and install appropriate quantities as governed by plant spacing per schedule.
- All plant beds shall receive 3" minimum of genuine shredded hardwood bark mulch (unless otherwise noted). Apply pre-emergent herbicide as directed by the manufacturer prior to installing mulch. Seed all areas disturbed by construction activities that are not otherwise noted to receive pavement, planting bed, or other treatment.
- 6. The Contractor shall install and/or amend topsoil in all proposed bed areas to meet ASTM D5268 standards. Landscaper shall verify depth and quality of topsoil prior to plant installation. A minimum of 4" of topsoil is required for lawn areas; 12" for plant beds. Topsoil sources shall include the reuse of surface soil stockpiled on site, clean of roots, plants, sod, stones, clay lumps, and other extraneous or foreign materials larger than 1". Supplement with imported topsoil from off-site sources when quantities are insufficient. Do not obtain supplemental topsoil from agricultural land, bogs, or marshes. Inorganic amendments, organic amendments, and fertilizers shall be used to amend topsoil as needed for long-term plant health.
- 7. Verify all utility locations in the field prior to beginning work. Repair all damaged utilities to satisfaction of the Owner and Operating Authority at no additional cost.
- 8. Install all plant material in accordance with all local codes and ordinances. Coordinate with the Owner to obtain any required permits necessary to complete work. All workmanship and materials shall be guaranteed by the Contractor for a period of one (1) calendar year after Final Acceptance.
- 9. Maintain all plant material for a three (3) month period from date of Substantial Completion. Maintenance shall include pruning, cultivating, watering, weeding, fertilizing, restoring plant saucers, spraying for disease and insects, and replacing tree wrappings. Recommended long-term maintenance procedures shall be provided to the Owner before expiration of this period.
- 10. Satisfactory Seeded Lawn: At end of maintenance period, a healthy, uniform, close stand of grass has been established, free of weeds and surface irregularities, with coverage exceeding 90 percent over any 10 sq. ft. (0.92 sq. m) and bare spots not exceeding 3 by 3 inches.Reestablish lawns that do not comply with requirements and continue maintenance until lawns are fully satisfactory to the Owner.



17241 Foundation Parkway | Suite 100 Westfield, Indiana 46074 TEL 317.867.3462 | FAX 317.867.3463 www.thienemanconstruction.com



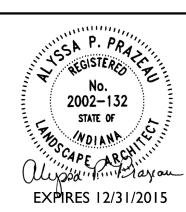
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12 S. Main Street, Suite 200 Fortville, IN 46040

Thieneman **Construction Office** Building

17219 FOUNDATION PKWY. **WESTFIELD, INDIANA**



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ISSUANCE INDEX DATE: 10/31/2014 PROJECT PHASE: DEVELOPMENT PLANS

	REVISION SCHEDULE				
NO.	DESCRIPTION	DATE			

Project Number

2014.02154

PLANTING PLAN

C701

800-03 Silver Maple 150" fair - 10 branches at 15" each 800-04 Cherry 800-05 Mulberry 12 15 poor - triple 800-06 Mulberry 18 poor - triple 18 12 800-08 Crab 20 poor - clump form 800-09 Cherry fair - double 800-10 Cherry 800-11 Unknown Crab 800-12 Unknown clump 800-13 Silver Maple good - double 800-17 Silver Maple 60 good - triple 800-18 Silver Maple 36 800-20 Linden 800-21 Walnut 20 800-22 Hackberry 4 800-23 Hackberry 800-24 Linden 800-25 Walnut 18 800-26 Hackberry 800-29 Cherry 10 800-30 Linden

DBH

inches) Size 2 Size 3

Condition and Notes

too young for fruit - good

NOTE: Contractor shall protect existing trees

to remain throughout construction. Refer to

Tree Protection Detail on Sheet C702.

Number

800-31

800-33 Hackberry

800-34 Walnut

800-35 Linden

800-02 Silver Maple

Species

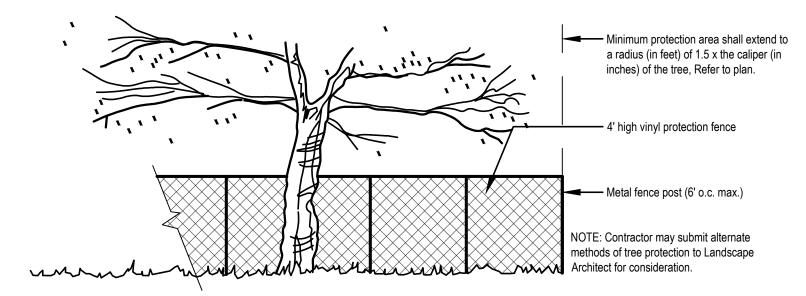
South Side of Outside Storage Area: none required per PUD amendment

EXTERNAL STREET FRONTAGE LANDSCAPING REQUIREMENTS: 3 Shade or Evergreen Trees, 2 Ornamental Trees, and 25 Shrubs / 100 LF Foundation Parkway: Utilities and Utility Easements along entire frontage, no trees provided

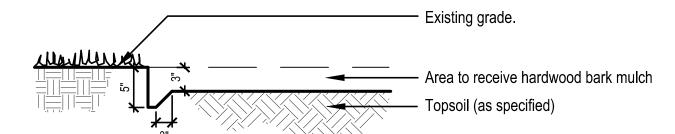
South: Industrial, no buffer yard required

1 Shrub / 3 LF Required and Provided Except within 10' of Gas Line 475 LF - 40 LF over Gas Line / 3 LF = 145 Shrubs Required and Provided, clumped

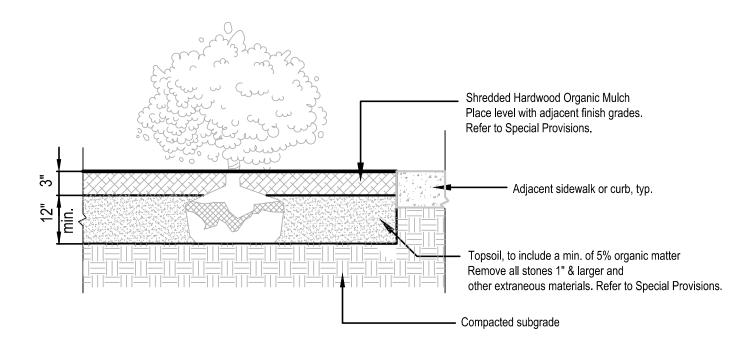
PLANT	SCHEDULE				
Symbol	Botanical Name	Common Name	Size	Container	Notes
TREES		-	•	•	•
Ace-s	Acer saccharum 'Legacy'	Legacy Sugar Maple	2" cal., min. 8' ht	B&B	full, matched
Cer-c	Cercis canadensis	Redbud	2" cal.	B&B	multi-stemmed
Pic-g	Picea glauca 'Densata'	Black Hills Spruce	min. 6' ht.	B&B	symmetrical, full
Que-r	Quercus rubra	Red Oak	2" cal., min. 8' ht	B&B	dug in spring, symmetrical
Til-c	Tilia cordata 'Greenspire'	Greenspire Linden	2" cal., min. 8' ht	B&B	full, matched
SHRUBS		•	•		
Cle-a	Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet	24"	container	space @ 3'-0" o.c.
Pot-f	Potentilla fruiticosa 'Goldfinger'	Goldfinger Potentilla	24"	container	space @ 3'-0" o.c. allow to mass
Tax-x	Taxux x media 'Densiformis'	Dense Spreading Yew	24"	container	space @ 3'-0" o.c. allow to mass
Vib-x	Viburnum x juddii	Judd Viburnum	30"	container	space @ 5'-0" o.c.
GROUNDO	COVERS AND GRASSES		•		
Nep-x	Nepeta x faassenii 'Walker's Low'	Walker's Low Nepeta	#1	pot	space @ 24" o.c., triangular spacing
Pan-v	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	#2	pot	space @ 2'-6" o.c.



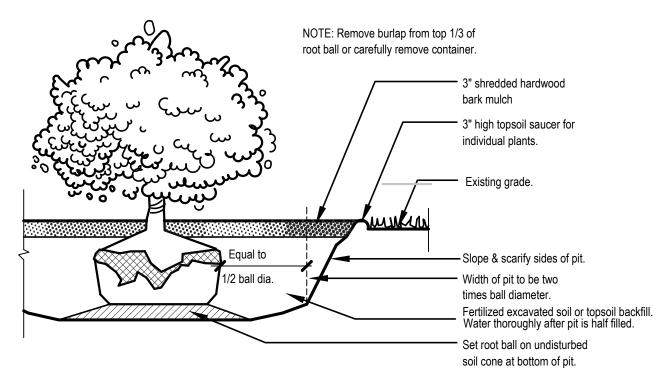
TREE PROTECTION FENCE



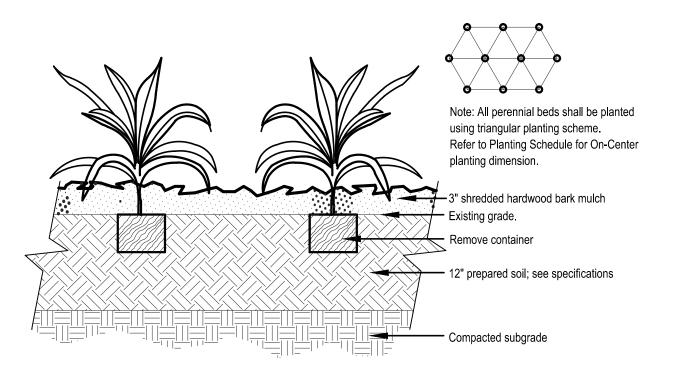
SPADE EDGE



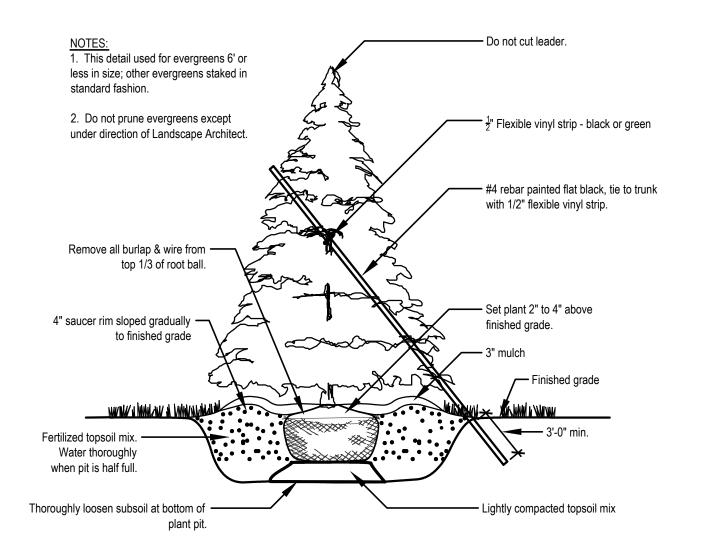
LANDSCAPE BED PREPARATION



SHRUB PLANTING

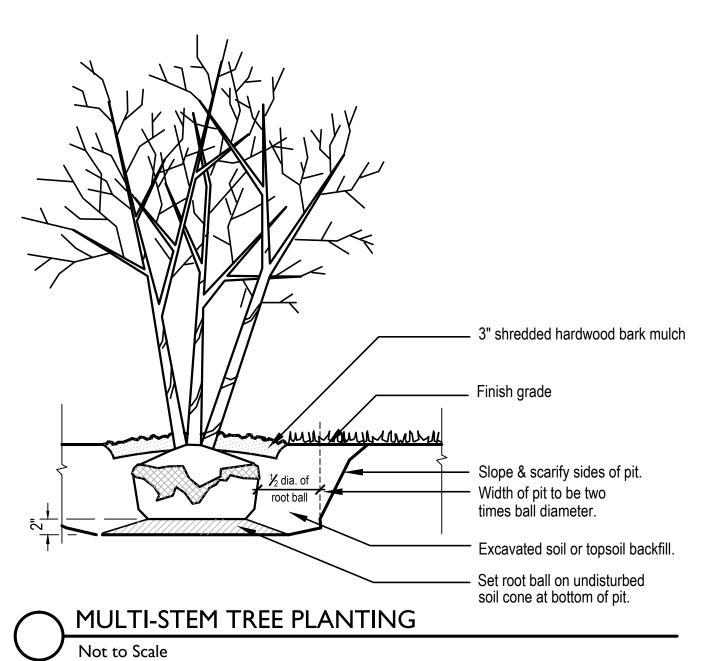


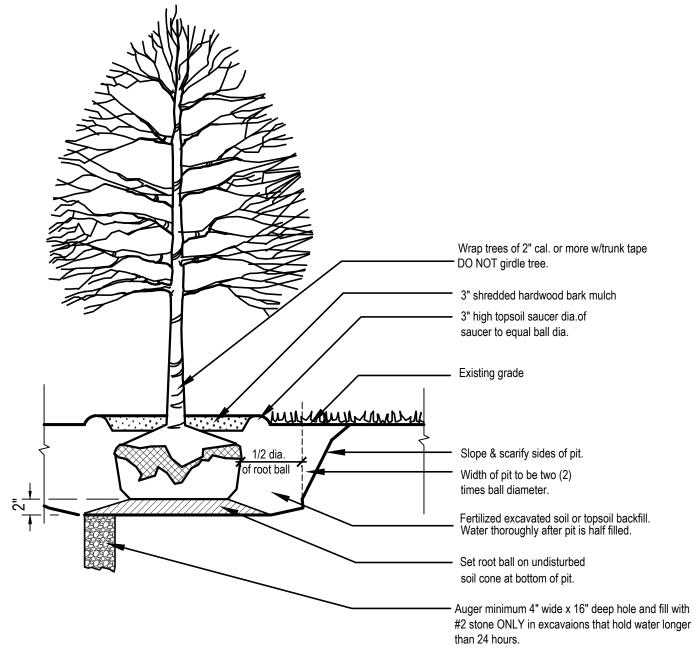
PERENNIAL PLANTING Not to Scale



EVERGREEN TREE PLANTING

Not to Scale





TREE PLANTING

Not to Scale



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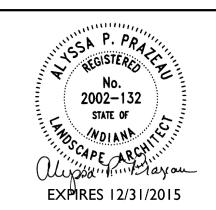
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PLANTING DETAILS

C702